

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-027107**Date Inspected:** 27-Jan-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1600**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Pier 7 Job Site**CWI Name:** Bernard Docena**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** S.A.S. Components**Summary of Items Observed:**

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI met with Structural Materials Representative (SMR) Nicolai Hvass, Caltrans Transportation Engineer (CTE) Marcos McManus and the Quality Control Inspector (QCI) Bernard Docena. There were discussions regarding the quality of welded emergency access gate tracks that have been fabricated and brought to the job site. The QAI noted that this work is related to Contract Change Order (CCO) 179. The QAI was made aware that these tracks have not been accepted by the contractor or the Engineer. The QAI assisted the QCI in conducting visual examinations of the welded tracks. The QAI observed that 26 of the 28 welded tracks do not appear to be conforming to the contract requirements and were rejected for use by the QCI. The QAI relayed the observations of the components to the SMR and CTE. The QAI noted that the 2 tracks that have been accepted by the QCI are Pier 15.5E and Pier 11.5E. The QAI was informed that the contractor will fabricate additional tracks before installing them.

The QAI reviewed contract documents at pier 7. The QAI used approved weekly welding report submittals and cross referenced the welding and inspection status as reported with QA records to identify the overall weld status. The QAI began reviewing the welding report packages 95 and 96 for conformance with the contract requirements. The QAI noted that at this time there are welding report packages 95, 96, 97, 98, 99 and 100 that have been provided for bootleg reviews. This work was in progress at the end of the shift.

Summary of Conversations:

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The QAI relayed the status of the CCO 179 access gate tracks and document reviews to the QAI Lead Bill Levell. Except as described above, there were no other notable conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy, (510) 385-5910, who represents the Office of Structural Materials for your project.

Inspected By:	Croff, Scott	Quality Assurance Inspector
Reviewed By:	Levell, Bill	QA Reviewer
